

Am #2
13-01
IDS

PATENT
P56280



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KUEN-DONG HA *et al.*

Serial No.: *To be assigned*

Examiner: *To be assigned*

Filed: 17 April 2001

Art Unit: *To be assigned*

For: ASSEMBLY FOR SUPPORTING A MASK FRAME IN A COLOR PICTURE
TUBE

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §§1.56, 1.97 and 1.98, applicant cites, provides copies and briefly discusses the following art references:

	<u>U.S. Patent No.</u>	<u>Inventor(s)</u>	<u>Issued Date</u>
1.	6,144,148	Tong <i>et al.</i>	Nov. 7, 2000
2.	6,130,501	Tong <i>et al.</i>	Oct. 10, 2000
3.	6,057,641	Yoshida <i>et al.</i>	May 2, 2000
4.	6,037,709	Nakagawa <i>et al.</i>	Mar. 14, 2000
5.	6,013,975	Gijrath	Jan. 11, 2000
6.	6,005,341	Park <i>et al.</i>	Dec. 21, 1999
7.	5,982,085	Lakshmanan <i>et al.</i>	Nov. 9, 1999
8.	5,780,962	Fujii <i>et al.</i>	Jul. 14, 1998
9.	5,502,349	Seo	Mar. 26, 1996

	<u>U.S. Patent No.</u>	<u>Inventor(s)</u>	<u>Issued Date</u>
10.	5,469,016	Chun	Nov. 21, 1995
11.	5,410,215	Seo	Apr. 25, 1995
12.	5,327,043	Lambert	Jul. 5, 1994
13.	5,274,301	Takahashi <i>et al.</i>	Dec. 28, 1993
14.	5,252,889	Choi	Oct. 12, 1993
15.	4,994,712	Strauss	Feb. 19, 1991
16.	4,931,690	Kokubu <i>et al.</i>	Jun. 5, 1990
17.	4,783,614	Kraner	Nov. 8, 1988
18.	4,652,792	Tokita <i>et al.</i>	Mar. 24, 1987
19.	4,644,222	Brunn	Feb. 17, 1987
20.	4,506,188	Puhak	Mar. 19, 1985
21.	4,318,025	Penird <i>et al.</i>	Mar. 2, 1982
22.	4,317,064	Dougherty	Feb. 23, 1982
23.	4,072,876	Morrell	Feb. 7, 1978
24.	3,962,598	Schneider, Jr.	June 8, 1976
25.	3,524,971	Schwartz <i>et al.</i>	Aug. 18, 1970
26.	3,524,096	Kuryla <i>et al.</i>	Aug. 11, 1970
27.	3,370,192	Schwartz <i>et al.</i>	Feb. 20, 1968
28.	6,100,629	Han <i>et al.</i>	Aug. 8, 2000
29.	6,064,146	Lee	May 16, 2000
30.	6,046,535	Jung	Apr. 4, 2000
31.	5,929,558	Lee	Jul. 27, 1999
32.	5,834,886	Jeong <i>et al.</i>	Nov. 10, 1998
33.	5,763,996	Kim	Jun. 9, 1998
34.	5,763,990	Kwak	Jun. 9, 1998
35.	5,717,280	Lee	Feb. 10, 1998
36.	5,677,592	Choi <i>et al.</i>	Oct. 14, 1997

	<u>U.S. Patent No.</u>	<u>Inventor(s)</u>	<u>Issued Date</u>
37.	5,557,162	Han	Sep. 17, 1996
38.	5,416,377	Kim	May 16, 1995
39.	5,394,052	Oh	Feb. 28, 1995
40.	5,376,863	Kim <i>et al.</i>	Dec. 27, 1994
41.	5,247,224	Bae	Sep. 21, 1993
42.	5,210,459	Lee	May 11 1993
43.	5,072,150	Lee	Dec. 10, 1991

Tong *et al.* '148 discloses a holder for maintaining an apertured shadow mask in fixed relation to the display screen of a color cathode ray tube (CRT).

Tong *et al.* '501 discloses an arrangement for mounting a shadow mask, or color selection electrode, in the glass envelop of a color cathode ray tube (CRT).

Yoshida *et al.* '641 discloses a cathode-ray tube having a color-selecting electrode.

Nakagawa *et al.* '709 discloses a cathode ray tube comprising a plurality of support members for suspending a mask frame on a face panel.

Gijrath '975 discloses a colour display tube having a shadow mask in a supporting frame.

Park *et al.* '341 discloses a structure of a magnetic shield provided in a cathode ray tube (CRT) to shield against the earth magnetic field and the external magnetic field.

Lakshmanan *et al.* '085 discloses an apertured shadow mask directing electron beams toward phosphor elements on the inside surface of the face plate of a CRT.

Fujii *et al.* '962 discloses a color-selecting apparatus of a color display device which can effectively suppress vibration generated in a color-selecting electrode system.

Seo '349 discloses an elastic member for supporting the shadow mask of a color picture tube.

Chun '016 discloses a P-F connector structure for a cathode-ray tube.

Seo '215 discloses a device for mounting a shadow mask in a color television tube.

Lambert '043 discloses a cathode-ray tube having an internal magnetic shield.

Takahashi *et al.* '301 discloses a color cathode ray tube panel with shadow mask supports.

Choi '889 discloses a color CRT with means for correcting mislanding of electron beams.

Strauss '712 discloses a mounting arrangement for a foil shadow mask with low thermal expansion coefficient.

Kokubu *et al.* '690 discloses a color picture tube having an electron shield for shielding secondary electrons.

Kraner '614 discloses a front assembly for a color cathode ray tube having a tension foil shadow mask.

Tokita *et al.* '792 discloses a color cathode ray tube with resilient shadow mask support.

Brunn '222 discloses a color picture tube with mounting structure for a shadow mask.

Puhak '188 discloses means for dampening structural vibrations physically induced in an operating color cathode ray tube by an external audio source.

Penird *et al.* '025 discloses a shadow mask microphonic suppressor included in a color cathode ray tube.

Dougherty '064 discloses a shadow mask suspension system in a color cathode ray tube.

Morrell '876 discloses a corrugated shadow mask assembly for a cathode ray tube.

Schneider, Jr. '598 discloses a color television tube including means for restricting movement of a shadow mask in a direction transverse to the longitudinal axis of a color cathode ray tube.

Schwartz *et al.* '971 discloses a color television tube mask mounting adapted to substantially compensate for the mechanical shift of the mask openings during operation.

Kuryla *et al.* '096 discloses a color cathode ray tube having shadow mask frame formed to accommodate a support system.

Schwartz *et al.* '192 discloses a color television tube construction including means for minimizing temperature differential between shadow mask frame and tube envelope.

Han *et al.* '629 discloses a panel assembly for cathode ray tube with vibration damping member.

Lee '146 discloses a shadow mask frame assembly for color cathode ray tube.

Jung '535 discloses a shadow mask frame assembly for a cathode ray tube.

Lee '558 discloses a shadow mask assembly with thermal expansion compensation.

Jeong *et al.* '886 discloses a shadow mask frame with a curved flange.

Kim '996 discloses a cathode ray tube.

Kwak '990 discloses an assembly of mask frame and inner shield for color cathode-ray tubes.

Lee '280 discloses a hook spring of shadow mask frame assembly for color cathode ray tube.

Choi *et al.* '592 discloses a cathode ray tube.

Han '162 discloses a color picture tube with a shadow mask support member.

Kim '377 discloses a shadow mask assembly used in color cathode ray tube.

Oh '052 discloses a shadow mask frame assembly.

Kim *et al.* 863 discloses an elastic supporting member for shadow mask frame.

Bae '224 discloses a color cathode ray tube shadow mask assembly.


Lee '459 discloses a shadow mask structure of a color cathode ray tube.

Lee '150 discloses a shadow mask assembly for color picture tube.

The foregoing citation of references is not intended to constitute an assertion of particular relevants and is not intended to constitute a search that applicant has undertaken a thorough search of the prior art. Accordingly, the Examiner is requested to undertake a thorough and wide-ranging search of the relevant classifications.

No fee is incurred by filing this Information Disclosure Statement. Should any fee remain or be required for filing of this Information Disclosure Statement, the Commissioner is authorized to charge the Deposit Account No. 02-4943 and advise the undersigned attorney accordingly.

Respectfully submitted,



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Folio: P56280
Date: 17 April 2001
I.D.: REB/sys